

ARRDC1 Antibody
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP50997**Specification**

ARRDC1 Antibody - Product Information

Application	WB
Primary Accession	Q8N5I2
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	46 KDa
Antigen Region	151 - 210

ARRDC1 Antibody - Additional Information**Gene ID** 92714**Other Names**

Arrestin domain-containing protein 1, ARRDC1

Target/Specificity

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ARRDC1. The exact sequence is proprietary.

Dilution

WB~~ 1:1000

Format

0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%

Storage

Store at -20 °C. Stable for 12 months from date of receipt

ARRDC1 Antibody - Protein Information**Name** ARRDC1 ([HGNC:28633](#))**Function**

Functions as an adapter recruiting ubiquitin-protein ligases to their specific substrates (PubMed: [23886940](http://www.uniprot.org/citations/23886940), PubMed: [27462458](http://www.uniprot.org/citations/27462458)). Through an ubiquitination-dependent mechanism plays for instance a role in the incorporation of SLC11A2 into extracellular vesicles (PubMed: [27462458](http://www.uniprot.org/citations/27462458)). More generally, plays a role in the extracellular transport of proteins between cells through the release in the extracellular space of microvesicles (PubMed: [22315426](http://www.uniprot.org/citations/22315426)). By participating in the ITCH-mediated ubiquitination and subsequent degradation of NOTCH1,

negatively regulates the NOTCH signaling pathway (PubMed:23886940).

Cellular Location

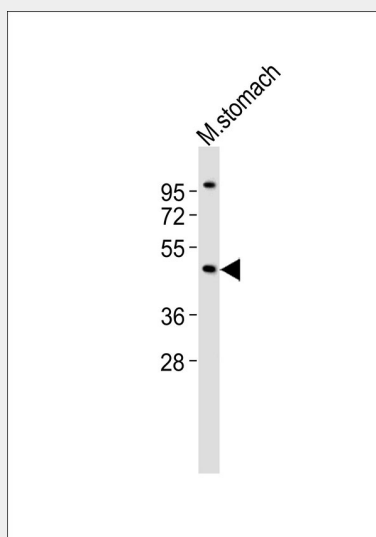
Cell membrane. Note=Also found in extracellular vesicles different from exosomes.

ARRDC1 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

ARRDC1 Antibody - Images



Anti-ARRDC1 Antibody at 1:1000 dilution + mouse stomach lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 46 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

ARRDC1 Antibody - References

Humphray S.J., et al. Nature 429:369-374(2004).